



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF THE BUILT ENVIRONMENT

DEPARTMENT OF ARCHITECTURE

URBAN PLANNING AND DESIGN I

AAR 3106

Supplementary Examination Paper

July 2017

This examination paper consists of 3 pages

Time Allowed: 3 hours

Total Marks: 100

Special Requirements: None

Examiner's Name: Mr. Q. Ndebele

INSTRUCTIONS

1. Answer Question 1 and any Three(3)
2. Each question carries **25 marks**
3. Where required give examples and draw illustrations and diagrams

MARK ALLOCATION

QUESTION	MARKS
1.	25
2.	25
3.	25
4.	25
5.	25
6.	25
TOTAL	100

Question 1 compulsory

Discuss the role of Urban Designers in shaping the built environment and the conflicts in roles that may arise between Urban Designers and other professionals in the built environment. [25]

Question 2

Discuss the development of Bulawayo/ Harare city as colonial and industrial cities (15)

Using examples, outline the major urban challenges that industrial cities face and suggest how can these challenges can be overcome. (10)

[25]

Question 3

What are the advantages and disadvantages of the Concentric planning model in planning for cities? (15)

Discuss how introducing Nodes into a city can mitigate some of the challenges of Concentric planning (10)

[25]

Question4

Discuss the advantages and challenges of implementing a Smart City approach to third world cities.

(15)

What are the goals of Sustainable City development and how can they be achieved in Zimbabwe

(10)

[25]

Question 5

Define the following terms as used in the built environment:

- a. Continuity and Change
- b. Order and Incident
- c. Cityscape
- d. Public square
- e. Boulevard

[25]

Question 6

What are the challenges and opportunities that Old/ Classic cities present for Urban Designers?

[25]